

**To:** "Robert Law" [rlaw@demaximis.com]  
**Cc:** "Willard Potter" [otto@demaximis.com]  
**Bcc:** []  
**From:** CN=Eugenia Naranjo/OU=R2/O=USEPA/C=US  
**Sent:** Fri 12/14/2012 8:33:15 PM  
**Subject:** NBSA bathy survey -> Tierra's request to consider additional Field Mod

Rob,

Please note that although we have directed Tierra/OSI to limit the beam angle to 45 degrees, their performance/patch tests have shown their system performance better than the USACE specs and Tierra would like to propose the Field Mod below. I understand Bill Gerken and Jason Magalen have exchanged information regarding the test results. Can you check with AECOM/GBA on the proposed Field Mod below and provide some feedback soon -like today or Monday?

Thanks,

e

#### Beam Angle

During setup last week we discussed that the beam angle limitation of 90 degrees was probably unnecessary since it was not likely the cause of the uncertainty in the 2008 survey data obtained by GBA.

If you concur, we would like EPA to consider allowing OSI to open up the beam angle to 120 degrees so we can improve our production rate. Of course, all standard calibrations, checks, etc., would need to be satisfied. If you are still willing to consider this, please let us know so we can prepare a Field Modification for this change. It might help if you suggest any language or considerations that you feel are important to facilitate such a change in the protocol.

Eugenia Naranjo  
United States Environmental Protection Agency  
290 Broadway  
New York, NY 10007-1866  
212-637-3467  
Naranjo.Eugenia@epa.gov